



# The Engineering Institute of Canada

## Medal Citation 2002

### *Dr. Vijay K. Sood - A Member of the Institute of Electrical and Electronics Engineers*

*Dr. Sood obtained a Master of Science degree from the University of Strathclyde in Scotland, and a doctorate from the University of Bradford in Yorkshire England. He joined the Railway Technical Centre in Derby, England for a few years then immigrated to Canada. Since then he has been employed at Hydro Québec as a researcher.*

*Vingt six ans d'expérience chez Hydro-Québec, la détermination du Dr. Sood a mené au développement du plus grand simulateur de courant continu (DC) dans le monde. En outre, ceci a mené au développement d'un simulateur en temps réel, qui est maintenant commercialisé sur le marché international aux entreprises d'électricité.*

*À son actif également, une liste impressionnante d'environ 70 publications dans des journaux avec comité scientifique, et des conférences à l'échelle internationale. Il est l'auteur de 2 ouvrages sur la transmission du Courant Continu Haute Tension (HVDC) et les systèmes flexibles de transmission à Courant Alternatif (AC). Un autre ouvrage est également en cours de rédaction, sous contrat avec une grande maison d'édition.*

*Dr. Sood is also an adjunct professor at Concordia University where he has supervised 14 post-graduate students since 1984. He has also acted as the External Examiner for an additional 19 PhD students in Canada and India. As you might expect he has active collaboration with a number of other universities in the UK, India and Canada.*

*He is very active within the IEEE both locally and nationally. He has been instrumental in bringing the quarterly Canadian Review Journal of IEEE Canada to national prominence, increasing the French context. He has introduced the English and French version of the Review at the IEEE website. For this type of leadership he has recently received the Millennium Award. Dr. Sood has also received a number of other honours for involvement in the social and cultural aspects of his community. To name a few:*

- Ordre de Mérite de la Ville de Brossard for community service;*
- President for two terms of the Comité consultatif de la communauté inter-culturelle, Ville de Brossard;*
- Appointed to the Carrefour Jeunesse-Emploi pour Lapinière;*
- Founder of the Multicultural Bursary given annually to a student at Centennial High School, Greenfield Park Québec*

*Dr. Sood has also received a number of other honours and awards, which include a Fellowship in the EIC. Ladies and Gentlemen, it is a privilege tonight for the EIC to award the Canadian Pacific Railway Engineering medal to this outstanding engineer.*

*Mr. President – Dr. Vijay K. Sood*